

Message Text

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ORIGIN CEQ-02

INFO OCT-01 ARA-11 EUR-25 EA-11 NEA-10 ADP-00 SS-15 NSC-10

NSF-04 SCI-06 INT-08 IO-13 HEW-08 DOTE-00 HUD-02

DODE-00 EB-11 CIAE-00 PM-07 INR-10 L-03 NSAE-00 PA-03

RSC-01 PRS-01 USIA-12 TRSE-00 MBFR-03 SAJ-01 EPA-04

COME-00 SCEM-02 OEP-01 AEC-11 AID-20 /216 R

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NSF- DR. GREEN (SG) DOD- DR. RUDY BLACK CEQ- MR. HAYNE

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EUR- MR. RENDAHL EUR/ RPM- CHSANDERS

EUR/ NE- MR. OWEN (INFO)

ARA/ MEX- MR. KING (INFO)

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FM SECSTATE WASHDC

TO ALL NATO CAPITALS

AMEMBASSY STOCKHOLM

INFO AMEMBASSY CANBERRA

AMEMBASSY MADRID

AMEMBASSY MEXICO

AMEMBASSY MOSCOW

AMEMBASSY TEL AVIV

AMEMBASSY TOKYO

AMEMBASSY WELLINGTON

USMISSION EC BRUSSELS

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PARIS PASS NESCO FOR INFO

E. O. 11652: N/A

TAGS: SENV, NATO

SUBJ: CCMS: ENERGY PROJECTS

REF: (A) STATE 097569 (BEING REPEATED MEXICO AND TEL AVIV);

(B) PARIS 14504; (NOTAL)

(C) PARIS 15536 (NOTAL)

(D) HODSOLL- GAGE TELCON 6/12/73

1. AS FOLLOW- ON TO DEPTTEL, WE ARE NOW IN POSITION TO SUGGEST DATES FOR MEETINGS IN CONNECTION WITH PROPOSED CCMS SOLAR, GEOTHERMAL AND ENERGY CONSERVATION PROJECTS.

2. SOLAR ENERGY

A. IN LIGHT OF PARIS REFTELS INDICATING ISES CONFLICT WITH JULY 6 MEETING DATE SUGGESTED DEPTTEL AND REFERENCED TELCON, WE BELIEVE THAT BEST PLACE AND DATE FOR ONE DAY SOLAR ENERGY MEETING PROPOSED DEPTTEL WOULD BE NATO HEADQUARTERS ON WED., JULY 11. REQUEST MISSION MAKE NECESSARY ARRANGEMENTS WITH SECRETARIAT TO SET UP MEETING PLACE AND REQUIRED SERVICES. PLEASE ADVISE ASAP.

B. UPON ADVICE OF ARRANGEMENTS FOR MEETING PLACE BEING MADE, REQUEST USNATO ISSUE INVITATIONS TO ALL NATO ALLIES ON BEHALF OF U. S. AS PILOT COUNTRY TO ATTEND MEETING. FYI: WE PARTICULARLY WISH TO ENCOURAGE FRENCH AND ITALIAN PARTICIPATION, HOPEFULLY AS CO- PILOTS IN THIS ENDAVOR. END FYI.

C. U. S. INVITATION, DRAWING IN PART ON PARA 4(C) OF DEPTTEL, SHOULD INDICATE THAT PURPOSE OF MEETING IS TO ACHIEVE AGREEMENT ON SCOPE AND TIMETABLE OF COOPERATIVE CCMS PROJECT IN SOLAR ENERGY SYSTEMS FOR HEATING AND COOLING OF RESIDENTIAL AND COMMERCIAL BUILDINGS (INCLUDING HOT WATER SYSTEMS). AS U. S. SEES IT, PROJECT WOULD INCLUDE INITIALLY AN EXCHANGE OF INFORMATION AND DOCUMENTATION OF EXISTING SOLAR BUILDING HEATING AND COOLING SYSTEMS, UNCLASSIFIED

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AND THE COMPILATION OF AN INVENTORY OF SOLAR ENERGY RESEARCH AND INDUSTRIAL SOURCES IN THIS RESPECT. WE WOULD HOPE TO FOLLOW THIS PHASE OF THE PROJECT WITH AGREEMENTS ON TECHNOLOGY EXCHANGE PATTERNED ON THE CCMS EXPERIMENTAL SAFETY VEHICLE AND LOW POLLUTION POWER SYSTEMS MEMORANDA OF UNDERSTANDING. SUCH AGREEMENTS WOULD

PROVIDE FOR DEMONSTRATION PROJECTS INVOLVING INITIALLY SOLAR SUBSYSTEMS AND EVENTUALLY FULL SYSTEMS.

D. UPON RECEIVING NOTIFICATION THAT USNATO HAS ISSUED INVITATION, REQUEST EMBASSIES IN NATO CAPITALS FOLLOW UP AT APPROPRIATE LEVELS OF HOST GOVERNMENTS TO URGE ATTENDANCE AND ADVISE NAMES AND POSITIONS OF REPRESENTATIVES. COMPOSITION USDEL WILL BE TRANSMITTED SHORTLY. EMBASSIES WHOULD NOTE THAT PROPOSED DATE IS ONLY ONE WHICH PERMITS ATTENDANCE ON U. S. SIDE BY DR. ALFRED J. EGGERS, JR., ASSISTANT DIRECTOR FOR RESEARCH APPLICATIONS, NATIONAL SCIENCE FOUNDATION, WHO HAS MANDATE WITHIN USG FOR DEVELOPING THE TERRESTRIAL APPLICATIONS OF SOLAR ENERGY.

E. IF SUFFICIENT INTEREST SHOWN, PARTICULARLY ON PART OF FRENCH AND ITALIANS, U. S. WOULD PROPOSE TO SUBMIT PROJECT TO CCMS OCOTBER 23-24 PLENARY FOR FORMAL ADOPTION. FOLLOWING CCMS APPROVAL, WE WOULD SEEK SILENT CONSENT FOR EUROPEAN COMMUNITY, AUSTRALIAN AND POSSIBLY ISRAELI PARTICIPATION. (DEPTEL BEING REPEATED TO TEL AVIV .)

3. GEOTHERMAL ENERGY

A. CONSULTATION WITH RELEVANT U. S. AGENCIES INVOLVED IN THIS AREA INDICATES THAT NATO COUNTRIES WITH GREATEST EXPERIENCE IN THIS FIELD ARE ITALY, ICELAND AND POSSIBLY FRANCE. (FRENCH REPRESENTATIVE, JEAN DUROUX, BRGM, VISITED BUREAU OF RECLAMATION AND AEC IN THIS RESPECT EARLIER THIS YEAR.) AS A RESULT, U. S. TEAM WOULD PROPOSE TO VISIT THESE COUNTRIES IN JULY 4-10 TIMEFRAME. COMPOSITION OF TEAM WILL INCLUDE REPRESENTATIVES OF ATOMIC ENERGY COMMISSION, BUREAU OF RECLAMATION, COUNCIL ON ENVIRONMENTAL QUALITY, DOD, GEOLOGICAL SURVEY, NATIONAL SCIENCE FOUNDATION, ENVIRONMENTAL PROTECTON AGENCY, STATE DEPARTMENT AND WHITE HOUSE. UNCLASSIFIED

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NAMES AND POSITIONS OF TEAM MEMBERS WILL BE TRANSMITTED SEPTTEL. IN MEANTIME, REQUEST EMBASSIES PARIS, ROME AND REYKJAVIK ARRANGE APPOINTMENTS WITH APPROPRIATE OFFICIALS ADHERING AS CLOSELY AS POSSIBLE TO FOLLOWING ITINERARY:
JULY 4 REYKJAVIK, ICELAND

JULY 5 ICELAND (GEOTHERMAL POWER PLANT)

JULY 6 PARIS

JULY 9 LARDERELLO, ITALY (GEOTHERMAL POWER PLANT)

JULY 10 ROME, ITALY

PLEASE ADVISE.

B. POSTS INVOLVED WILL NOTE THAT WE HAVE ALLOWED TWO DAYS EACH IN ITALY AND ICELAND. IN THIS RESPECT, TEAM WOULD LIKE TO VISIT THE LARDERELLO SITE IN ITALY AND GEOTHERMAL PLANT POWER PLANT

AND HOT WATER HEATING PLANT IN ICELAND.

C. PRINCIPAL PURPOSE OF TEAM VISITS WILL BE TO DISCUSS DEVELOPMENT OF CCMS PROJECT IN GEOTHERMAL ENERGY AREA. AS IN SOLAR ENERGY, WE WOULD CONTEMPLATE THAT INITIAL PHASE OF GEOTHERMAL ENERGY PROJECT WOULD BE EXCHANGE OF INFORMATION AND DOCUMENTATION OF EXISTING GEOTHERMAL PROJECTS IN FOLLOWING AREAS: PROSPECTING TECHNIQUES AND MAPPING, ELECTRICITY CONVERSION, HEATING AND COOLING SYSTEMS, HYDROFRACTURE TO TAP DRY HOT ROCK, AND POSSIBLY DESALINIZATION. WE WOULD ALSO CONTEMPLATE A GENERAL EVALUATION OF THESE SYSTEMS IN ACCORDANCE WITH A PROTOCOL TO BE AGREED AND THE COMPILATION OF AN INVENTORY OF GEOTHERMAL ENERGY RESEARCH AND INDUSTRIAL SOURCES. FOLLOW- ON WORK COULD INCLUDE DEMONSTRATION PROJECTS AND TECHNOLOGY ASSESSMENT IN THESE AREAS.

D. IF SUFFICIENT INTEREST IS SHOWN, U. S. WOULD PROPOSE TO SUBMIT PROJECT TO CCMS OCTOBER PLENARY FOR INFORMAL ADOPTION. FOLLOWING CCMS APPROVAL, WE WOULD SEEK SILENT CONSENT
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FOR EUROPEAN COMMUNITY, JAPANESE, NEW ZEALAND AND MEXICAN PARTICIPATION. (DEPTTEL BEING REPEATED TO MEXICO.)

4. ENERGY CONSERVATION

A. CONSULTATION WITH RELEVANT U. S. AGENCIES INVOLVED IN THIS AREA INDICATES THAT NATO COUNTRIES WITH GREATEST EXPERIENCE IN THIS FIELD INCLUDE, AMONG OTHERS, UK, FRANCE, AND DENMARK. AS A RESULT, U. S. TEAM WOULD PROPOSE TO VISIT THESE AND OTHER COUNTRIES IN JULY 16-20 TIME FRAME. COMPOSITION OF TEAM WILL INCLUDE REPRESENTATIVES OF BUREAU OF STANDARDS, AEC, NATIONAL SCIENCE FOUNDATION, INTERIOR, CEQ, ENVIRONMENTAL PROTECTION AGENCY, STATE DEPARTMENT AND WHITE HOUSE. NAMES AND POSITIONS OF TEAM MEMBERS WILL BE TRANSMITTED SEPTTEL. IN MEANTIME, REQUEST EMBASSIES LONDON, PARIS, AND COPENHAGEN ARRANGE APPOINTMENTS WITH APPROPRIATE OFFICIALS ADHERING AS CLOSELY AS POSSIBLE TO FOLLOWING ITINERARY:

JULY 16 COPENHAGEN (BUILDING RESEARCH ORGANIZATION)

JULY 18 STOCKHOLM (INSTITUTE OF MATERIALS TESTING)

JULY 19 PARIS (CSTB)

JULY 20 LONDON(BUILDING RESEARCH ESTABLISHMENT)

PLEASE ADVISE ASAP. DATA ON OTHER POSSIBLE STOPS WILL FOLLOW.

B. AS SWEDEN HAS PARTICULAR EXPERTISE IN THE QUANTIFICATION OF COMFORT LEVELS AND INSTRUMENTATION IN THIS RESPECT AS WELL AS FIELD TESTING OF THERMAL DESIGN, TEAM WOULD LIKE TO VISIT STOCKHOLM ON JULY 18. (SEE B., ABOVE)

C. PRINCIPAL PURPOSE OF TEAM VISITS WILL BE TO DISCUSS DEVELOPMENT OF CCMS PROJECT IN ENERGY CONSERVATION AREA. ON A PRELIMINARY BASIS, WE CONTEMPLATE THAT THIS PROJECT WILL DEVELOP COOPERATION IN THE INDUSTRIAL AND BUILDING AREAS SO AS TO LEAD TOWARD THE DEVELOPMENT AND USE OF BETTER TECHNIQUES TO REDUCE BOTH INDUSTRIAL AND BUILDING ENERGY CONSUMPTION.

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D. IF SUFFICIENT INTEREST IS SHOWN, U. S. WOULD PROPOSE TO SUBMIT PROJECT TO CCMS OCTOBER PLENARY FOR FORMAL ADOPTION. FOLLOWING CCMS APPROVAL, WE WOULD PROPOSE TO SEEK SILENT CONSENT FOR EUROPEAN COMMUNITY, SWEDISH AND JAPANESE PARTICIPATION.

5. WITH EXCEPTION OF ROME AND LISBON, WHICH HAVE ALREADY RESPONDED TO PARA 6 DEPTTEL, REQUEST ALL NATO ADDRESSEES PROVIDE US WITH NAMES, TITLE AND AGENCIES OF KEY OFFICIALS IN THREE SUBJECT AREAS ASAP. ROGERS

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